VOLUME CONTENTS

CONTENTS VOL. 76 NO. 1 1995

O. G. Manylov. Regeneration in Gastrotricha—I. Light microscopical observations on the regeneration in *Turbanella* sp. **1**

B. I. Joffe and M. Wikgren. Immunocytochemical distribution of 5-HT (serotonin) in the nervous system of the gastrotrich *Turbanella cornuta* **7**

E. V. Raikova. Occurence and ultrastructure of collar cells in the stomach gastrodermis of *Polypodium hydriforme* Ussov (Cnidaria) **11**

P. F. Woodall and C. FitzGibbon. Ultrastructure of spermatozoa of the yellow-rumped elephant shrew *Rhynchocyon chrysopygus* (Mammalia: Macroscelidea) and the phylogeny of elephant shrews **19**

T. Heinzeller and H. Fechter. Microscopical anatomy of the cyrtocrinid *Cyathidium meteorensis* (sive *foresti*) (Echinodermata, Crinoidea) **25**

J. B. Williams. Further ultrastructural studies on the encapsulated larva of *Kronborgia isopodicola* (Platyhelminthes, Fecampiidae), with particular reference to nuclei **35**

D. M. Woolley. The structure of the spermatozoon of the Japanese Quail, *Coturnix coturnix* L., var. japonica **45**

J. Wuchiyama and H. Michibata. Classification, based on autonomous fluorescence, of the blood cells of several ascidians that contain high levels of vanadium **51**

G. W. Rouse. Is sperm ultrastructure useful in polychaete systematics? An example using 20 species of the fabriciinae (Polychaeta: sabellidae) **57**

M. Duvert and C. Salat. Ultrastructural studies of the visceral muscles of chaetognaths **75**

CONTENTS VOL. 76 NO. 2 1995

R. A. Cloney. Origin and differentiation of the inner follicular cells during oogenesis in *Molgula pacifica* (Urochordata) an ascidian without test cells **89**

M. D. Stokes and N. D. Holland. Embryos and larvae of a lancelet, *Branchiostoma floridae*, from hatching through metamorphosis: growth in the laboratory and external morphology **105**

A. Hay-Schmidt. The larval nervous system of *Polygordius lacteus* Scheinder, 1868 (Polygordiidae, Polychaeta): immunocytochemical data **121**

G. Haszprunar, L. v. Salvini-Plawen and R. M. Rieger. Larval planktotrophy—a primitive trait in the bilateria? **141**

A. Cerra and M. Byrne. Cellular events of wrinkled blastula formation and the influence of the fertilization envelope on wrinkling in the seastar *Patiriella exigua* **155**

M. Jakubowski, L. Halama and K. Żuwała. Gill respiratory area in the pelagic sculpins of Lake Baikal, *Cottocomephorus inermis* and *C. grewingki* (Cottidae) **167**

L. Rebecchi and A. Guidi. Spermatozoon ultrastructure in two species of *Amphibolus* (Eutardigrada, Eohypsibiidae) **171**

CONTENTS VOL. 76 NO. 3 1995

L. R. Page. Similarities in form and developmental sequence for three larval shell muscles in nudibranch gastropods **177**

H. C. Bjerring. The parietal problem: how to cut this Gordian knot? **193**

P. D. Taylor, M. J. Weedon and C. G. Jones. Skeletal ultrastructure in some cyclostome bryozoans of the family Lichenoporidae **205**

CONTENTS VOL. 76 NO. 3 1995 (Continued)

M. Rosenberg and M. R. Warburg. Changes in structure and function of ventral epidermis in *Hyla arborea savignyi* Aud. (Anura; Hylidae) throughout metamorphosis **217**

L. Orrhage. On the innervation and homologues of the anterior end appendages of the Eunicea (Polychaeta), with a tentative outline of the fundamental constitution of the cephalic nervous system of the polychaetes **229**

C. A. Smith and J. M. P. Joss. Immunohistochemical localization of laminin and cytokeratin in embryonic alligator gonads **249**

CONTENTS VOL. 76 NO. 4 1995

P. L. Edds-Walton and A. N. Popper. Hair cell orientation patterns on the saccules of juvenile and adult toadfish, *Opsanus tau* **257**

K. W. Wolf and J. Hellwage. Spermatogenesis in *Tenebrio molitor* (Tenebrionidae, Coleoptera): a fine structure and anti-tubulin immunofluorescence study **267**

O. Giere, C. Nieser, R. Windoffer and C. Erséus. A comparative structural study on bacterial symbioses of Caribbean gutless Tubificidae (Annelida, Oligochaeta) **281**

B. A. Huber. Copulatory mechanism in *Holocnemus pluchei* and *Pholcus opilionoides*, with notes on male cheliceral apophyses and stridulatory organs in Pholcidae (Araneae) **291**

R. Muñoz-Chápuli and A. V. De Andrés. Anatomy and histology of the cephalic arterial coilings in hammerhead sharks (genus *Sphyrna*) **301**

I. Eeckhaut, B. Dochy and M. Jangoux. Functional morphology of the introvert and digestive system of *Myzostoma cirriferum* (Myzostomida) **307**

Volume Contents and Author Index Vol. 76, 1995 **i**